

Remarks / Amendments **July 12, 2004**

The application was revised and the following sections were added / replaced in relation to the Amendment documentation dated February 24, 2004. Changes made to the February 24, 2004 documents are noted below. Pages were re-numbered to accommodate deleted / added material.

	<u>Page Number</u>		<u>Action</u>
	<u>Old</u>	<u>New</u>	
Contents			Replaced
Abstract	Page 1	Page 1	Replaced
Title of invention	Page 2	Page 2	Replaced
Specifications.....	Page 2	Page 2	Replaced
Cross Reference to Related Applications.....	Pages 3-4		Deleted
Statement Regarding Federally Sponsored Research or Development.....	Page 5	Page 3	Replaced
Reference to sequence Listing, a Table, or Computer Program Listing Compact Disk Appendix.....	Page 6	Page 4	Replaced
Field of Invention.....	Page 7	Page 5	Replaced
Background of Invention.....	Page 7	Page 6	Replaced
Summary of the Invention.....	Page 8	Page 7	Replaced
Description of Drawings	Page 9	Page 8	Replaced
Figure 1A.....	Page 10	Page 9	Replaced
Figure 2A.....	Page 11	Page 10	Replaced
Detailed Description of the Invention.....	Page 12	Page 11	Replaced
Claims.....	Page 13	Page 12	Replaced

1) The specifications listed on one page (not numbered) in the Original Application dated June 14, 2002 were replaced in the Continuance of Application document dated January 27, 2003 because they included information not relevant to the specifications and also they were not on a numbered sheet. The information is correctly stated in the Continuation of Application dated January 27, 2003 and the Amendment documentation dated February 24, 2004. and July 12, 2004.

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- 2) The cross reference to Related Applications was incorrectly included in the Continuation of Application dated February 24, 2004 and has been removed for this Continuation of Application dated July 12, 2004.
- 3) Word changes to clarify the information presented were made in the Abstract, Background, Summary of Invention, and Description of Drawing sections of the application.
- 4) The claims listed in the continuation dated February 24, 2004 were rejected and subsequently replaced by new ones in the Continuation of Application dated July 12, 2004.

Version with markings to show changes

The following information provides changes made to the February 24, 2004 documentation to arrive at the new Continuance of Application dated July 12, 2004. Changes are shown by Sections as listed on the Contents page.

Abstract (page 1) - Changes made to paragraph 3

The Adaptor's ~~is designed~~ unique design allows it to be unattached from the bar clamp assembly that provides the clamping function. This facilitates the Adaptor to be used on a plurality of different beam clamping assemblies. The Adaptor can be easily adjusted by simply moving the bar clam jaws to hold both small and large size frames.

Specifications (page 2) –

Changes made to paragraph 4

The four (4) corner pieces were designed to be used to hold picture frames, drawers, or any other similar (four) 4 sided assembly flat in place and in square to allow them to be glued

The last sentence was split out into paragraph 5 for clarity.
Cardboard or paper can be placed over the fixtures to prevent excess glue from getting on the fixtures.

Field of Invention (page 5) – Changes made to Clamp Fixture paragraph.

This is a continuance to application Number 10/084,786, filed on June 14, 2002, and the Continuance of Applications dated January 27, 2003 and February 24, 2004.

The Background Information paragraph that was on page 5 was transferred to page 6.

Background Information (page 6) Information transferred from page 5.

1) Paragraph 2 was split after the sixth sentence and the words “parallel opposing surfaces.”

Version with markings to show changes

Background Information (page 6) Information transferred from page 5
Continued:

2) The first two sentences were changed as follows.
~~However, these clamping devices~~ At the present time, many clamping devices cannot hold the work pieces or other articles in a square position that is often required without additional jigs being made. For example, to grip the corner of picture frames, drawers or other similar assemblies special configured miter jigs having mitered gripping surfaces have been designed.

3) Added Paragraph 4.
The present invention provides the versatility of not requiring to be attached to a special jig but can be used on different bar clamps. It can also maintain the assembly in a square, level fashion as the Bar Clamp Corner Squaring Fixture has a bottom which allows the pieces to rest on them while they are being assembled.

Summary of Invention (Page 7) – Changes made to paragraph3

The adaptors will draw the corners of a frame together and maintain them level flat. ~~which current devices are not capable of doing because they are attached to the jaws on the beam clamping devices which are inherently loose and do not provide a support on the base like the Bar Clamp Corner Squaring Fixture.~~ This is an important requirement when attempting to assemble parts cut at 45 degrees. If the parts are not maintained in a level position the corners will “open” and will not provide a professional appearance. The Bar Clamp Corner Squaring Fixture is capable of keeping the corners square and flat because they are nested in the jaws on the beam clamping devices which apply pressure to each device and the Bar Clamp Corner Squaring Fixture provides a support for the assembly that is being put together.

Description of Drawings (page 8) Changes made to Figure 1A and Figure 2A

Figure 1A: Shows the adaptor separately and on one beam clamp. ~~Provided dimensional information for the adaptors assembly. The~~ dimensional information for the adaptor is also provided in three (3) separate views of the adaptor.

Version with markings to show changes

**Description of Drawings (page 8) Changes made to Figure 1A and Figure 2A
Continued:**

Figure 2A: Shows all four adaptors in place and how they would be ~~elamped~~ clamp a picture frame with four beam clamp assemblies.

Actual Drawings (Pages 9 & 10)

Reference numbers and additional margin data has been added to the drawing and drawing 2A includes all four (4) bar clamping devices as well as a sample picture frame.

Detailed Description of the Invention (Page 11)

Paragraph 2

2) Set Bar Clamp Corner Squaring devices (Parts 3, 4, 5, 6) into the jaws of two beam clamping devices. ~~(Parts 3, 4, 5, 6).~~

3) Insert the frame members that they wish to assemble. (~~Parts not shown~~) (Parts 7, 8, 9, 10)

6) Place two additional beam clamping devices (Parts 7 & 8) perpendicular to the initial ones (Parts 1 & 2) and adjust by clamping to the beams of the first two devices. (~~Parts 7 & 8~~)

Paragraph 3

The invention ease of use and ability to be used with beam clamping devices without being fastened to them provide it with versatility. ~~Other clamping devices require attachment to the beam clamping devices or attachment to attachments.~~ Major tightening adjustments can be made by sliding the opposing jaws of the beam clamping device (Parts 13, 14, 15, 16) along the bar. Minor tightening can be made by turning the adjusting screw (top fixed portion of each bar clamping device – parts 1, 2, 3, 4.). By making the major adjustment by sliding the jaw along the bar facilitates the tightening process reduces the time spent.

Version with markings to show changes

Detailed Description of the Invention (Page 11) - Continued:

Paragraph 4

The strength of the 90 degree welded corner assures that the clamped work piece will be maintained in a flat and square fashion. The two sides of the device are individually welded to the bottom pieces well as being welded to each other

Respectfully Submitted,

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